SYSTEM FOR CONTROLLING OUTER CIRCUMFERENTIAL LINE DRAWING DATA
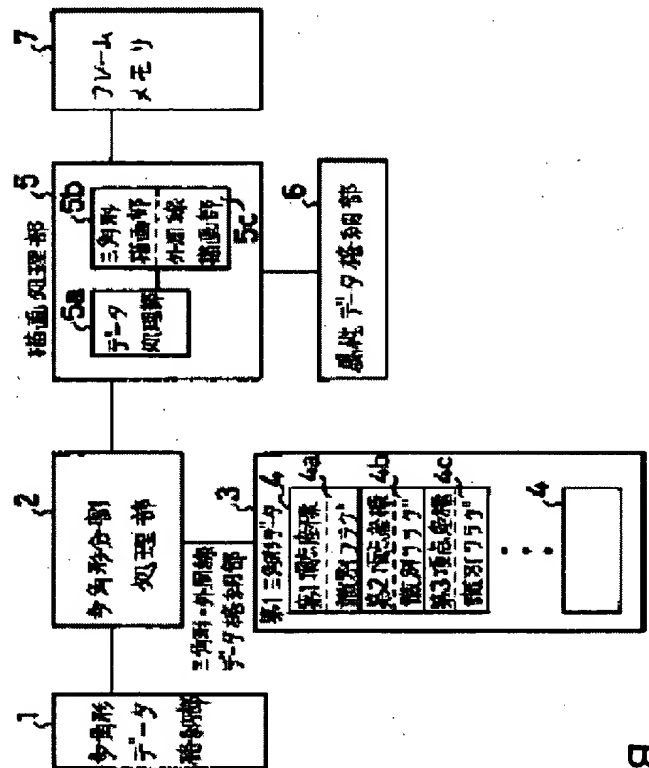
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Abstract of JP7105390

PURPOSE:To attain a high speed for processing for an outer circumferential line, to reduce the memory capacity and to reduce the processing for outer circumferential line data in the picture drawing processing by adding an identification flag representing a border line/a division line to apex data when a polygon is divided into plural triangles, processing the resulting data and drawing a picture. CONSTITUTION:A polygon division processing section 2 receives polygon data in a polygon data storage section 1 to divide a polygon into plural triangles. An identification flag representing a border line/a division line is to apices of each triangle generated by this division and the resulting data are stored as triangle data 4 of a triangle data storage section 3. The triangle data 4 are transferred to a picture drawing processing section 5, in which apex data are analyzed, a triangle is drawn in a frame memory D by a triangle drawing section 5b, and when a picture drawing condition (outer circumferential line visible, invisible) of an attribute data storage section 6 is referenced and when the outer circumferential line is visible, an outer circumferential line is drawn in the frame memory 7 only for apices with a flag representing a border line added.